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› UPBRIGHT 29V AC/DC Power Adapter User Manual for CL2902 Series

## **UPBRIGHT CL2902-B, CL2902B, CL2902-1, CL29021, CL2902-E, CL2902E, CL2902-A, CL2902A, ZB A29002-A, ZB-B290020-B**

# **UPBRIGHT 29V AC/DC Power Adapter User Manual**

Models: CL2902-B, CL2902B, CL2902-1, CL29021, CL2902-E, CL2902E, CL2902-A, CL2902A, ZB A29002-A, ZB-B290020-B

## **1. INTRODUCTION**

This manual provides instructions for the safe and effective use of your UPBRIGHT 29V AC/DC Power Adapter. This adapter is designed to provide stable power to compatible Mulin Electric devices requiring 29V DC power, with current ratings between 1.8A and 2.0A. Please read this manual thoroughly before use and retain it for future reference.



Image 1.1: Overview of the UPBRIGHT 29V AC/DC Power Adapter, showing the main unit and the 2-prong output connector.

## 2. IMPORTANT SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, observe the following precautions:

- **Over Voltage Protection (OVP):** The adapter is designed to protect connected devices from excessive voltage.
- **Over Current Protection (OCP):** The adapter includes safeguards against current exceeding safe limits.
- **Short Circuit Protection (SCP):** Built-in protection prevents damage from short circuits.
- Use only with devices specified as compatible with 29V DC, 1.8A-2.0A power input and a 2-pin connector.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not disassemble or attempt to repair the adapter. Refer servicing to qualified personnel.
- Ensure the power outlet voltage (100-240VAC, 50/60Hz) matches the adapter's input requirements.

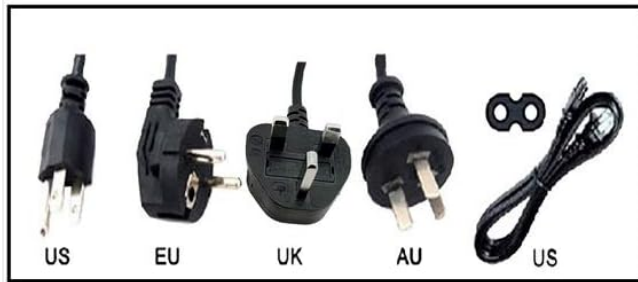
## 3. PACKAGE CONTENTS

Verify that your package contains the following items:

- 1 x UPBRIGHT 29V AC/DC Power Adapter
- 1 x AC Power Cord (suitable for your region)

Come With A Suitable AC Power Cord (Only One)

to Fit Your Country/Area



THIS PRODUCT COMES WITH A UPBRIGHT®

LIMITED WARRANTY CERTIFICATE  
+ UPBRIGHT® LIMITED WARRANTY



Image 3.1: Example of different regional AC power cords that may be included with the adapter.

#### 4. SETUP AND CONNECTION

Follow these steps to connect your power adapter:

1. **Identify the Device Input:** Locate the power input port on your Mulin Electric device. Ensure it requires 29V DC power and has a compatible 2-pin connector.
2. **Connect Adapter to Device:** Insert the 2-pin output connector of the UPBRIGHT adapter firmly into the power input port of your device.
3. **Connect AC Power Cord:** Plug the AC power cord into the input port on the UPBRIGHT adapter unit.
4. **Connect to Wall Outlet:** Insert the other end of the AC power cord into a standard electrical wall outlet (100-240VAC, 50/60Hz).



Image 4.1: Detail of the adapter's 2-prong output connector and the label indicating input/output specifications.

Once connected, the adapter may have an indicator light (if present) to confirm it is receiving power. Your device should now be ready for operation.

## 5. OPERATION

The UPBRIGHT 29V AC/DC Power Adapter operates automatically once connected to a power source and a compatible device. No user intervention is required for its basic function. Ensure all connections are secure for continuous power supply.

## 6. MAINTENANCE AND CARE

To prolong the life of your power adapter:

- Keep the adapter clean and free from dust. Use a dry, soft cloth for cleaning.
- Avoid bending or crimping the power cords excessively.
- Store the adapter in a cool, dry place when not in use.
- Disconnect the adapter from the power outlet during electrical storms or when unused for extended periods.

## 7. TROUBLESHOOTING

If your device is not receiving power, consider the following:

- **No Power:**
  - Ensure the AC power cord is securely plugged into both the wall outlet and the adapter.
  - Verify the 2-pin connector from the adapter is fully inserted into your device's power port.

- Test the wall outlet with another appliance to confirm it is functional.
  - Check for any visible damage to the adapter or cords. If damaged, discontinue use.
- **Device Not Functioning Correctly:**
    - Confirm that your device's power requirements (voltage and amperage) precisely match the adapter's output specifications.
    - Ensure the device itself is not faulty.

If issues persist after troubleshooting, contact customer support.

## 8. SPECIFICATIONS

| Feature            | Specification                                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Brand              | UPBRIGHT                                                                                                                                  |
| Input Voltage      | 100-240VAC, 50/60Hz                                                                                                                       |
| Output Voltage     | 29V DC                                                                                                                                    |
| Output Current     | 1.8A - 2.0A                                                                                                                               |
| Wattage            | 52.2W - 58W                                                                                                                               |
| Connector Type     | 2-Pin Connector                                                                                                                           |
| Special Features   | OVP, OCP, SCP Protection                                                                                                                  |
| Compatible Devices | Mulin Electric devices (CL2902-B, CL2902B, CL2902-1, CL29021, CL 2902 B, CL2902-E, CL2902E, CL2902-A, CL2902A, ZB A29002-A, ZB-B290020-B) |
| Material           | Plastic                                                                                                                                   |
| Item Weight        | 0.3 Kilograms                                                                                                                             |

## 9. WARRANTY AND SUPPORT

Your UPBRIGHT 29V AC/DC Power Adapter comes with the following warranty:

- **Refund Policy:** 30 Days Refund
- **Exchange Policy:** 24 Months Exchange

For technical support or warranty claims, please refer to the contact information provided with your purchase or visit the official UPBRIGHT store online. [Visit the UPBRIGHT Store](#)

